

CAMS Workshop Iceland

Date: Friday, October 4

Location: Lögberg L102, Sæmundargata 8, 102 Reykjavík [Google Maps](#)

Room: L102 [Room location](#)



Time is GMT (+2h CET)

9:00	Welcome from organizers and housekeeping information
Approx. time 09:05-09:20 09:20-09:30 09:30-10:15 (15 min buffer time, QA)	<p>Introduction to the Copernicus and CAMS Data Services:</p> <ul style="list-style-type: none"> • Introduction to NCP Iceland (Pavla Dagsson-Waldhauserová, LBHI) • Copernicus data ecosystem, registration to ECMWF / recap • eLearning resources and demonstration (Luigi Selmi, ECMWF): <ul style="list-style-type: none"> ○ Overview of CAMS and of one the available dataset, the CAMS global atmospheric composition forecasts, with a manual selection of the variables used to compute the Air Quality Index. The attendees might have a look at the data using a visualization tool such as Panoply ○ Calculation of the Global Air Quality Index using a Jupyter Notebook and the CDS API to download the same dataset.
10:15-10:30	Coffee break
10:30-10:45	<ul style="list-style-type: none"> • CAMS, CAMS products and the health hub (Cristina Ananasso, ECMWF) <p>Example showcase sessions</p>
10:45-11:00	<ul style="list-style-type: none"> • EarthOS - an operating system for Earth (Hjalti Björn Hrafnkelsson, Smári McCarthy, Ecosophy)
11:00-11:15	<ul style="list-style-type: none"> • Examples of the use of Copernicus data in research of meso- to large scale climate of Iceland and the Arctic (Philipp Weitzel, Haraldur Olafsson, HI)
11:15-11:30	<ul style="list-style-type: none"> • Dynamical downscaling of the Copernicus atmospheric re-analysis data (Ólafur Rögnvaldsson, Belgingur)
11:30-11:45	<ul style="list-style-type: none"> • Data use and data requirements in atmospheric research in Iceland and the Arctic (Haraldur Olafsson, HI)
11:45-12:45	Lunch break
12:45-13:00	Introduction to the Hands-On exercises
13:00	Hands-On exercise sessions